



BOARD OF ENGINEERS MALAYSIA

CIRCULAR NO. 009


**SUBMISSION OF BUILDING PLANS BY PROFESSIONAL ENGINEERS
WITH PRACTISING CERTIFICATE AND ARCHITECTS**

In exercise of the powers conferred by paragraph 4(1)(f) of the Registration of Engineers Act 1967 [Act 138], this is to inform all Professional Engineers with Practising Certificate that a Joint Committee had been established between the Board of Engineers Malaysia (BEM) and the Board of Architects Malaysia (BAM) to review and update the Appendices "A", "B" and "C" with regards to submission of building plans by Professional Engineers with Practising Certificate and Architects. The review and update took into consideration of the changes in the building typology, development trends and changes.

This Circular shall supersede the Joint Letter between BEM and BAM dated 4th April 1979.

Professional Engineers with Practising Certificate and Architects are hereby required to comply with the amended Appendices "A", "B" and "C" as attached.

[340th Board Meeting / 6th February 2020]



Ir. KAMALUDDIN BIN HAJI ABDUL RASHID
President
BOARD OF ENGINEERS MALAYSIA



JOINT COMMITTEE OF
BOARD OF ARCHITECTS MALAYSIA & BOARD OF ENGINEERS MALAYSIA

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Our ref.: BEM/PPC/05-25 (BEM/BAM)
Bil. (33) dlm. LAM87 Jld 8
Date : 22 May 2020

MINISTRY OF HOUSING AND LOCAL GOVERNMENT
No. 51, Persiaran Perdana
Presint 4
62100 PUTRAJAYA

RE: SUBMISSION OF BUILDING PLANS BY ARCHITECTS AND PROFESSIONAL ENGINEERS WITH PRACTISING CERTIFICATE

This Joint letter is to inform that a Joint Committee had been established between the Board of Architects Malaysia (BAM) and the Board of Engineers Malaysia (BEM) to review and update the Appendices ABC with regards to submission of building plans by Architects and Professional Engineers with Practising Certificate. The review and update took into consideration of the changes in the building typology, development trends and changes.

Enclosed herewith is the revised Appendices ABC summarized below as a guide to Local Authorities:

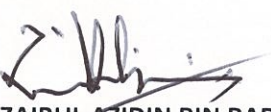
- Appendix A* No person shall submit any Building Plan, report and specification for the underlisted works and/or services, unless he is an Architect, except where any engineering work is required (excluding any standard engineering work), such engineering plan and specification shall be submitted by a Professional Engineer with Practising Certificate.
- Appendix B* No person shall submit any Building Plan, including Engineering Plan, report and specification for the underlisted works and/or services, unless he is a Professional Engineer with Practising Certificate, except where any architectural work is required, such architectural plan shall be submitted by an Architect.
- Appendix C* No person shall submit any Building Plan, report and specification for the under-listed works and/or services unless he is either an Architect or a Professional Engineer with Practising Certificate, except where any building under Appendix A is included, the plan needs to be prepared by an Architect and where any building under Appendix B is included, the plan needs to be prepared by a Professional Engineer with Practising Certificate.

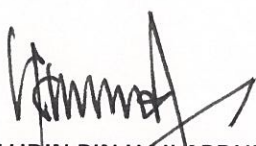
These lists do not impinge on the rights of those Registered Building Draughtsman who may continue to submit Building Plans to the Local Authorities for approval provided that they are within the limitation specified in their certificates of registration.

We trust that with the guidance of this letter and the three appendices you will be able to determine the qualified persons who are entitled to submit Building Plans for the various developments. If you need further clarification do not hesitate to contact either BAM or BEM.

We would appreciate if you could assist us in circulating this document to all local authorities.

Yours faithfully,


(Ar. ZAIRUL AZIDIN BIN BADRI)
President
BOARD OF ARCHITECTS MALAYSIA


(Ir. KAMALUDIN BIN HAJI ABDUL RASHID)
President
BOARD OF ENGINEERS MALAYSIA

APPENDIX A: No person shall submit any Building Plan, report and specification for the underlisted works and/or services, unless he is an Architect, except where any engineering work is required (excluding any standard engineering work), such engineering plan and specification shall be submitted by a Professional Engineer with Practising Certificate.

A Airport terminal building Amusement centre Apartment Aquarium Art gallery Assembly hall Auditorium Aviary	G Golf club Grandstand Gymnasium	R Race course Railway station building Rehabilitation centre Research & laboratory testing centre Restaurant Rest house
B Bowling centre Bus terminal building	H Handicraft centre Hawker centre Holidays resort Hospital Hotel	S Sanatorium School (primary, secondary, vocational) Shophouse Shopping centre Showroom Skating rink (ice rollers) Supermarket Space needle Sports complex Surau Swimming club
C Cabaret Cable car terminal Cafeteria/Canteen Casino Church Cinema (drive-in, covered) Civic centre Clinic Community centre Conference hall/centre College (secretarial, technical, vocational) Creche Crematorium Cultural centre	K Kindergarten	T Telecom building Temple Theatre Town hall Tourist promotion project Trade centre T.V., Radio centre
D Dance hall Departmental store Dispensary Domestic house	L Law court Library	U University complex
E Eating house Embassy Emporium Exposition hall	M Market (open-air, closed) Mausoleum Memorial Mosque Motel Music hall	V Vocational training centre
F Ferry terminal building Fire brigade Flat Funeral parlour	N Neighbourhood housing (housing scheme) Nursing home	Y Yacht club
	O Office building Old-age home Opera house Orphanage	Z Zoo
	P Palace Parliament house Plant nursery Police station Post & telegraph office Prison Private club Professional Institute	

Definition:

1. Architect means an Architect registered under Section 5(a) of the Architects Act, 1967 (Revised 2015).
2. Professional Engineer with Practising Certificate means a Professional Engineer with Practising Certificate registered under Section 5(1) of the Registration of Engineers Act 1967 (Revised 2015).
3. Standard Engineering Work means any such work of proprietary make specifically designed by a Professional Engineer with Practising Certificate for repetitive use without modification.

APPENDIX B: No person shall submit any Building Plan, including Engineering Plan, report and specification for the underlisted works and/or services, unless he is a Professional Engineer with Practising Certificate, except where any architectural work is required, such architectural plan shall be submitted by an Architect.

A Airport runway & apron Air-conditioning & mechanical ventilation system	I Infrastructural service Incinerator	S Sanitary installation system (for multi storey building) Sewerage work Slipway Solid waste disposal plant Structural system Stabilising earth structure Storage tank Storm sewer & drain Subsoil drainage system Subway Surface railway
B Bulk handling complex Bridge	J Jetty	T Taxiway Transmission tower Tunnel T.V. transmission tower
C Cable car system Car parking mechanical system Causeway Cement plant Chimney Crane gantry Crushing plant Coffers dam Colliery	L Liquid waste disposal plant	U Underground railway
D Dam Distillation & desalination plant Dock Drainage scheme Dredging & reclamation work	M Mass rapid transit system Marine structure & facility Mechanical service Mine Mining	V Ventilation system
E Earthwork Electrical distribution system & stage lighting Electrical services installation Electrical switchroom Embankment Environmental pollution control plant	O Oil refinery plant Oil & gas tank	W Water distillation plant Water distribution line (hot/cold water service) Waterwork Water & waste water & environmental pollution control plant Wharf
F Flood bund Foundation Fire protection service	P Parade ground Piling Pipe line Plumbing service Port Proprietary standard beam/truss Public address system Pumping ground Pumping station	
G Gaswork Gravity retaining wall & gabion Grinding plant	Q Quarry Quay	
H Harbour	R Reclamation Refinery Refrigeration installation & cold store Retaining wall (major) Roadside furniture & traffic signal Roadwork, (public) Reservoir	

Definition:

1. Architect means an Architect registered under Section 5(a) of the Architects Act, 1967 (Revised 2015).
2. Professional Engineer with Practising Certificate means a Professional Engineer with Practising Certificate registered under Section 5(1) of the Registration of Engineers Act 1967 (Revised 2015).

APPENDIX C: No person shall submit any Building Plan, report and specification for the under-listed works and/or services unless he is either an Architect or a Professional Engineer with Practising Certificate, except where any building under Appendix A is included, the plan needs to be prepared by an Architect and where any building under Appendix B is included, the plan needs to be prepared by a Professional Engineer with Practising Certificate.

A Abattoir Aerated water factory Aircraft assembly plant Aircraft maintenance workshop & hangar Aircraft manufacturing plant	I Ice factory Integrated industrial development* Integrated petrol station development **	S Sanitary & plumbing installation to domestic house, shophouse & school Satellite tracking station Septic tank construction & soak away pit Shipyard Silo Single storey factory (with or without mezzanine floor) Swimming pool & ancillary work Steel mill Space research centre Standard patented structure Store building
B Boat house (shed) Boiler house Brewery Brickwork (factory) Bus depot & workshop	J Jute mill (building)	T Tannery Timber work (sawmill) Textile plant Timber structure
C Carparking – multi-storey (standalone) Car parking layout (open) Chemical plant Chimney (domestic) Compressor house	M Manufacturing, assembling, processing, repair plant & associated building & facility Marine Mill Minor earthwork Motor vehicles service station	U Underground railway station Utilities building
E Electrical substation Engineering laboratory	N Nuclear power station	V Vegetables oil mill & refinery factory
F Fencing & gate Flatted factory Footing	P Paper mill/factory Perimeter drain work of building within private boundary Pharmaceutical plant Plywood factory Prefabricated structure Power station (thermal hydro & nuclear) Printing work Private roadwork Pumping station (building)	W Wall (dwarf, facing & decorative & other non-structural type) Warehouse Workshop
G Glue factory Glass work (factory) Godown Grandstand (uncovered)	R Rubber factory Rubber processing mill and smoke house Refuse chute system	
H Helicopter port		

Explanation

* *Integrated Industrial Development comprising component/s under Appendix A of more than 30% of the total Gross Floor Area (GFA), then the Building Plan shall be submitted by an Architect.*

** (i) *Integrated Petrol Station Development comprising any component under Appendix A of more than 300m² (excluding surau, workshop, toilet and office supporting the petrol station which collectively are of not more than 100m²), then the Building Plans shall be submitted by an Architect, or*

** (ii) *Integrated Petrol Station Development comprising other component/s under Appendix A and which is/are physically separate from the petrol station, then the Building Plan for such separate component/s under Appendix A shall be submitted by an Architect. .*

Definition:

1. Architect means an Architect registered under Section 5(a) of the Architects Act, 1967 (Revised 2015).
2. Professional Engineer with Practising Certificate means a Professional Engineer with Practising Certificate registered under Section 5(1) of the Registration of Engineers Act 1967 (Revised 2015).